

ECS/EMD Configuration Change Request

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1. Originator Brad Koenig	2. Log Date: 3/24/04	3. CCR #: 04-0181	4. Rev: —	5. Tel: 301/925-0581	6. Rm #: 1146D	7. Org. SE
8. CCR Title: AMASS 5.3.1 TE for GES DAAC						
9. Originator Signature/Date Bradley Koenig /s/ 03/24/04			10. Class II	11. Type: CCR	12. Need Date: 3/26/04	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 3/24/04			14. Category of Change: Update ECS/EMD Baseline Doc		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted (Review and submit checklist): None (no change to form, fit or function)			17. Schedule Impact: None		18. CI(s) Affected:DSS	
19. Release Affected by this Change:		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: ECSed39689						
23. Problem: (use additional Sheets if necessary) Files in the g0drg05 archive are being corrupted while being written to tape due to AMASS incorrectly handling an error. This is only occurring at GES DAAC						
24. Proposed Solution: (use additional sheets if necessary) ADIC has prepared and tested a patch that will resolve this problem. The patch consists of two files. Extensive testing in the VATC was performed to verify the patch in ECS operations. The file has been copied to lemmings. Cksum: 1204807168 2625239 amass531te.tar.gz						
25. Alternate Solution: (use additional sheets if necessary) Wait until AMASS 5.3.3 which will include the patch.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Files going to tape when this error occurs WILL be corrupted.						
27. Justification for Emergency (If Block 15 is "Emergency"): Needed at the GES DAAC to minimize the risk of tape corruption.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 3/25/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 04-0181 **Rev:** — **Originator:** Brad Koenig

Telephone: 301/925-0581 **Office:** 1146D

Title of Change: AMASS 5.3.1 TE for GES DAAC

Machines impacted:

g0drg01
g0drg02
g0drg04
g0drg05

Instructions to install

1. Login to the SGI host and su to root
2. Copy the amass531te.tar.gz distribution tar file to /tmp or other convenient directory
3. Change directory to /tmp (or as required) and explode the file:
 # cd /tmp <enter>
 # gzip -dc amass531te.tar.gz | tar -xovf - <enter>
4. Backup the existing files using the commands:
 # cp /usr/amass/daemons/libio_tape /usr/amass/daemons/libio_tape.orig <enter>
 # cp /usr/amass/bin/climain /usr/amass/bin/climain.orig <enter>
5. Quiesce storage management and then shutdown AMASS using the command:
 # /usr/amass/tools/killdaemons -F <enter>
6. Login or su to amass and copy the files using the commands (assuming we put the distribution file in /tmp):
 % cp -f /tmp/climain /usr/amass/bin <enter>
 % cp -f /tmp/libio_tape /usr/amass/daemons <enter>
7. Login or su to root and restart AMASS using the command:
 # /usr/amass/tools/amass_start <enter>
8. Logoff and repeat as required on other hosts.